**Name: Promod Chandra Das, ID: 231002005, Batch: 231, Section: 231 D2**

## 1.PHP math function:

```php
<?php
echo "abs(-15): " . abs(-15) . "<br>";
echo "ceil(4.3): " . ceil(4.3) . "<br>";
echo "floor(4.7): " . floor(4.7) . "<br>";
echo "round(4.5): " . round(4.5) . "<br>";
echo "sqrt(16): " . sqrt(16) . "<br>";
echo "pow(2, 3): " . pow(2, 3) . "<br>";
echo "max(4, 7, 1): " . max(4, 7, 1) . "<br>";
echo "min(4, 7, 1): " . min(4, 7, 1) . "<br>";
echo "pi(): " . pi() . "<br>";
echo "rand(1, 100): " . rand(1, 100) . "<br>";      )
echo "bindec('1010'): " . bindec('1010') . "<br>";
echo "decbin(10): " . decbin(10) . "<br>";
echo "hexdec('1a'): " . hexdec('1a') . "<br>";
echo "dechex(26): " . dechex(26) . "<br>";
?>
```

## 2. PHP File :

```php
<?php
$filename = "example.txt";

file_put_contents($filename, "Hello, Promod and Chinmoy!\n");

file_put_contents($filename, "This is appended text.\n", FILE_APPEND);

echo "<strong>File Contents:</strong><br>";
echo nl2br(file_get_contents($filename));

echo "<br><strong>Reading line by line:</strong><br>";
$file = fopen($filename, "r");
while(!feof($file)) {
    echo fgets($file) . "<br>";
}
fclose($file);
copy($filename, "copy_example.txt");

rename("copy_example.txt", "renamed_example.txt");
unlink("renamed_example.txt");
?>
```

### 1.Output:

```
abs(-15): 15
ceil(4.3): 5
floor(4.7): 4
round(4.5): 5
sqrt(16): 4
pow(2, 3): 8
max(4, 7, 1): 7
min(4, 7, 1): 1
pi(): 3.1415926535898
rand(1, 100): 37 (random each time)
bindec('1010'): 10
decbin(10): 1010
hexdec('1a'): 26
dechex(26): 1a
```

### 2.Output
```
File Contents:
Hello, Promod and Chinmoy!
This is appended text.

Reading line by line:
Hello, Promod and Chinmoy!
This is appended text.
```